

Q<sub>2</sub>, together, are joined in a nitrogen protecting group or a ring structure optionally containing [that can include] at least one additional heteroatom selected from N and O;

R<sub>3</sub> is OX, SX, or N(X)<sub>2</sub>;

each X is, independently, H, C<sub>1</sub>-C<sub>8</sub> alkyl, C<sub>1</sub>-C<sub>8</sub> haloalkyl, C(=NH)N(H)Z,

C(=O)N(H)Z or OC(=O)N(H)Z;

Z is H or C<sub>1</sub>-C<sub>8</sub> alkyl;

L<sub>1</sub>, L<sub>2</sub> and L<sub>3</sub> form a ring system having from about 4 to about 7 carbon atoms or having from about 3 to about 6 carbon atoms and 1 or 2 heteroatoms selected from oxygen, nitrogen and sulfur and wherein said ring system is aliphatic, unsaturated aliphatic, aromatic, or saturated or unsaturated heterocyclic;

Y is alkyl or haloalkyl having 1 to about 10 carbon atoms, alkenyl having 2 to about 10 carbon atoms, alkynyl having 2 to about 10 carbon atoms, aryl having 6 to about 14 carbon atoms, N(Q<sub>1</sub>)(Q<sub>2</sub>), O(Q<sub>1</sub>), halo, S(Q<sub>1</sub>), or CN;

each q<sub>1</sub> is, independently, from 2 to 10;

each q<sub>2</sub> is, independently, 0 or 1;

m is 0, 1 or 2;

p is from 1 to 10; and

q<sub>3</sub> is from 1 to 10 with the proviso that when p is 0, q<sub>3</sub> is greater than 1.